



PATENT APPLICATION
CS-7907
LeA 36,217

1624

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF)	
MARTIN VAUPEL ET AL)	
SERIAL NUMBER: 10/662,908)	GROUP NO.: 1624
FILED: SEPTEMBER 15, 2003)	
TITLE: METHOD FOR IDENTIFYING)	
FUNGICIDALLY ACTIVE)	
COMPOUNDS)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of documents listed on the attached Form PTO-1449 are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on 4/18/05

Date

Raymond J. Harmuth, Reg. No. 33,896

Name of applicant, assignee or Registered Representative

Rough / [Signature]

Signature

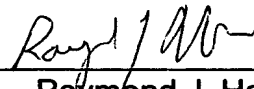
April 18, 2005

Date

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By 
Raymond J. Harmuth
Attorney for Applicant(s)
Reg. No. 33,896

Bayer CropScience LP
100 Bayer Road
Pittsburgh, Pennsylvania 15205-9741
(412) 777-3916
FACSIMILE PHONE NUMBER
(412)777-3902
s:\bsh\RJH061

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No CS-7907/LeA 36,217	Serial No. 10/662,908
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)		Applicant Martin Vaupel et al	Filing Date September 15, 2003
		Group 1624	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	15 473	09/17/80	Europe (Abstract attached)				X
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Biochemistry and Function of Sterols, (month unavailable) 1997, pages 85-99, Norman D. Lees et al, "Biochemistry and Molecular Biology of Sterol Synthesis in <i>Saccharomyces cerevisiae</i> "
	AS	Pestic. Sci., 15, (month unavailable) 1984, pages 133-155, E. Ian Mercer, "The Biosynthesis of Ergosterol"
	AT	J. Biol. Chem. 264(32), November 15, 1989, pages 19176-19184, Matt S. Anderson et al, "Farnesyl Diphosphate Synthetase"

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No CS-79-7/LeA 36,217	Serial No. 10/662,908
		Applicant Martin Vaupel et al	
		Filing Date September 15, 2003	Group 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			Journal of Biological Chemistry, Vol 250, No. 3, February 10, 1975, pages 863-866, Norman L. Eberhardt et al, "Prenyltransferase from <i>Saccharomyces cerevisiae</i> "
	AR		
			Proc. Natl. Acad. Sci. USA, 91, April 1994, pages 3044-3048, Linsheng Song et al, "Yeast Farnesyl-diphosphate synthase: Site-directed mutagenesis of residues in highly conserved prenyltransferase domains I and II"
	AS		
			Archives of Biochemistry and Biophysics, Vol. 373, No 1. January 1, 2000, pages 231-241, James D. Bergstrom et al, "Alendronate Is a Specific, Nanomolar Inhibitor of Farnesyl Diphosphate Synthase"
	AT		
EXAMINER			DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No CS7907/LeA 36,217	Serial No. 10/662,908
		Applicant Martin Vaupel et al	
		Filing Date September 15, 2003	Group 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Journal of Pharmacology and Experimental Therapeutics, Vol. 296, No. 2, (month unavailable) 2002, pages 235-242, James E. Dunford et al, "Structure-Activity Relationships for Inhibition of Farnesyl Diphosphate Synthase in Vitro and Inhibition of Bone Resorption in Vivo by Nitrogen-Containing Bisphosphonates"
	AS		Biochemical and Biophysical Research Communications, 290(2), (month unavailable) 2002, page 869-873, Keith Thompson et al, "Identification of a Bisphosphonate That Inhibits Isopentenyl Diphosphate Isomerase and Farnesyl Diphosphate Synthase"
	AT		Curr. Genet, 18, (month unavailable) 1990, pages 41-46, C. Chambon et al, "Isolation and properties of yeast mutants affected in farnesyl diphosphate synthetase"

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Neither English Language Equivalent nor an English Language Translation is available.

Atty. Docket No
CS7907/LeA 36,217Serial No.
10/962,908Applicant
Martin Vaupel et alFiling Date
September 15, 2003Group
1624**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	AL						Yes	No*
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Journal of Lipid Research, 38(5), (month unavailable) 1997, Anna Szkopinska et al, pages 962-968, "Polyprenol formation in the yeast <i>Saccharomyces cerevisiae</i> : effect of farnesyl diphosphate synthase overexpression"
	AS	
	AT	
EXAMINER		
DATE CONSIDERED		
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Neither English Language Equivalent nor an English Language Translation is available.